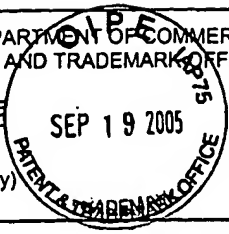


SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. IBM/272		SERIAL NO. 10/777,576	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				APPLICANT Toshiharu Furukawa et al.			
(37 CFR 1.98(b))				FILING DATE February 12, 2004		GROUP 2811	



U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Loke	A.A	6	2	5	0	9	8	4	6/26/2001	Jin et al.	445	51	1/25/1999
Loke	A.B	6	8	5	8	8	9	1	2/22/2005	Farnworth et al.	257	296	12/9/2002
	A.C												
	A.D												
	A.E												
	A.F												
	A.G												
	A.H												
	A.I												
	A.J												
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
Loke	A.L	WO 2004/040668	March 14, 2004	PCT	H01L 51/20		Abstract Only
Loke	A.M	WO 2004/040616	March 13, 2004	PCT	H01L		Abstract Only
Loke	A.N	WO 2004/105140	December 2, 2004	PCT	H01L 29/786		Abstract Only
Loke	A.O	EP 1420414	April 6, 2005	EP	G11C 13/02	H01L 51/30	N/A
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
Loke	A.R. — Furukawa et al., <u>United States Patent Application Publication No. US 2005/O167740</u> , Publication Date: August 4, 2005
Loke	A.S — Furukawa et al., <u>United States Patent Application No. US2005/O130341</u> , Publication Date: June 16, 2005
Loke	A.T — Furukawa et al., <u>United States Patent Application Publication No. US 2005/O167655</u> , Publication Date: August 4, 2005

EXAMINER  Loke	DATE CONSIDERED  10/30/05
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EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						
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<i>Loke</i>	B.R	Furukawa et al., <u>United States Patent Application Publication No. US 2005/O129948</u> , Publication Date: June 16, 2005					
<i>Loke</i>	B.S -	Dubin et al., <u>United States Patent Application Publication No. US 2005/O167755</u> , Publication Date: August 4, 2005					
<i>Loke</i>	B.T -	Roesner et al., <u>United States Patent Application Publication No. US 2003/O132461</u> , Publication Date: July 17, 2003					
EXAMINER <div style="text-align: center; font-size: 1.5em; margin-top: 10px;"><i>Loke</i></div>				DATE CONSIDERED <div style="text-align: center; font-size: 1.5em; margin-top: 10px;"><i>10/30/05</i></div>			
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	C.J						
	C.K						
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	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
<i>Loke</i>	C.R	Choi et al., <u>United States Patent Application Publication No. US 2002/0001905</u> , Choi et al.					
<i>Loke</i>	C.S /	Georg S. Duesberg et al., <u>Large-Scale Integration of Carbon Nanotubes into Silicon Based Microelectronics</u> , Proceedings of SPIE Vol. 5118 (2003), pgs. 125-137 —					
	C.T						
EXAMINER  <i>Loke</i>				DATE CONSIDERED  <i>10/30/05</i>			
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PTO/SB/08A

Application Number.:

Unassigned

Filing Date:

Herewith**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

First Named Inventor:

Toshiharu Furukawa

Art Unit:

Unassigned

Examiner Name:

Unassigned

Sheet 1 of 4

Attorney Docket Number.:

ROC920030271US1**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
<u>Loke</u>		US - 6.423.583 B1	07-23-2002	Avouris et al.	
<u>Loke</u>		US - 6.515.325 B1	02-04-2003	Farnworth et al.	
<u>Loke</u>		US - 2003/0168683 A1	09-11-2003	Farnworth et al.	
<u>Loke</u>		US - 2003/0170930 A1	09-11-2003	Choi et al.	
<u>Loke</u>		US - 2003/0178617 A1	09-25-2003	Appenzeller et al.	
		US -			
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		US -			
		US -			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T <sup>6</sup>

Examiner Signature	<u>Loke</u>	Date Considered	<u>10/30/05</u>
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

Application Number.: Unassigned  
 Filing Date: Herewith  
 First Named Inventor: Toshiharu Furukawa  
 Art Unit: Unassigned  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920030271US1

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 2 of 4

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T <sup>2</sup>
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Loke		P. COLLINS et al., "Engineering Carbon Nanotubes and Nanotube Circuits Using Electrical Breakdown," Science, Vol. 292, April 27, 2001, pp. 706-709.	

Examiner Signature	<u>Loke</u>	Date Considered	<u>10/30/05</u>
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<sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 3 of 4

Application Number.: Unassigned  
 Filing Date: Herewith  
 First Named Inventor: Toshiharu Furukawa  
 Art Unit: Unassigned  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920030271US1

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T <sup>2</sup>
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Loke		P. COLLINS et al., "Nanotubes for Electronics," Scientific American, December 2000, pp. 62-69.	
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Examiner Signature	Loke	Date Considered	10/30/05
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<sup>1</sup> Applicant's unique citation designation number (optional).

<sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 4 of 4

Application Number.: Unassigned  
 Filing Date: Herewith  
 First Named Inventor: Toshiharu Furukawa  
 Art Unit: Unassigned  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920030271US1

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Examiner Signature	<u>Loke</u>	Date Considered	<u>10/30/05</u>
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